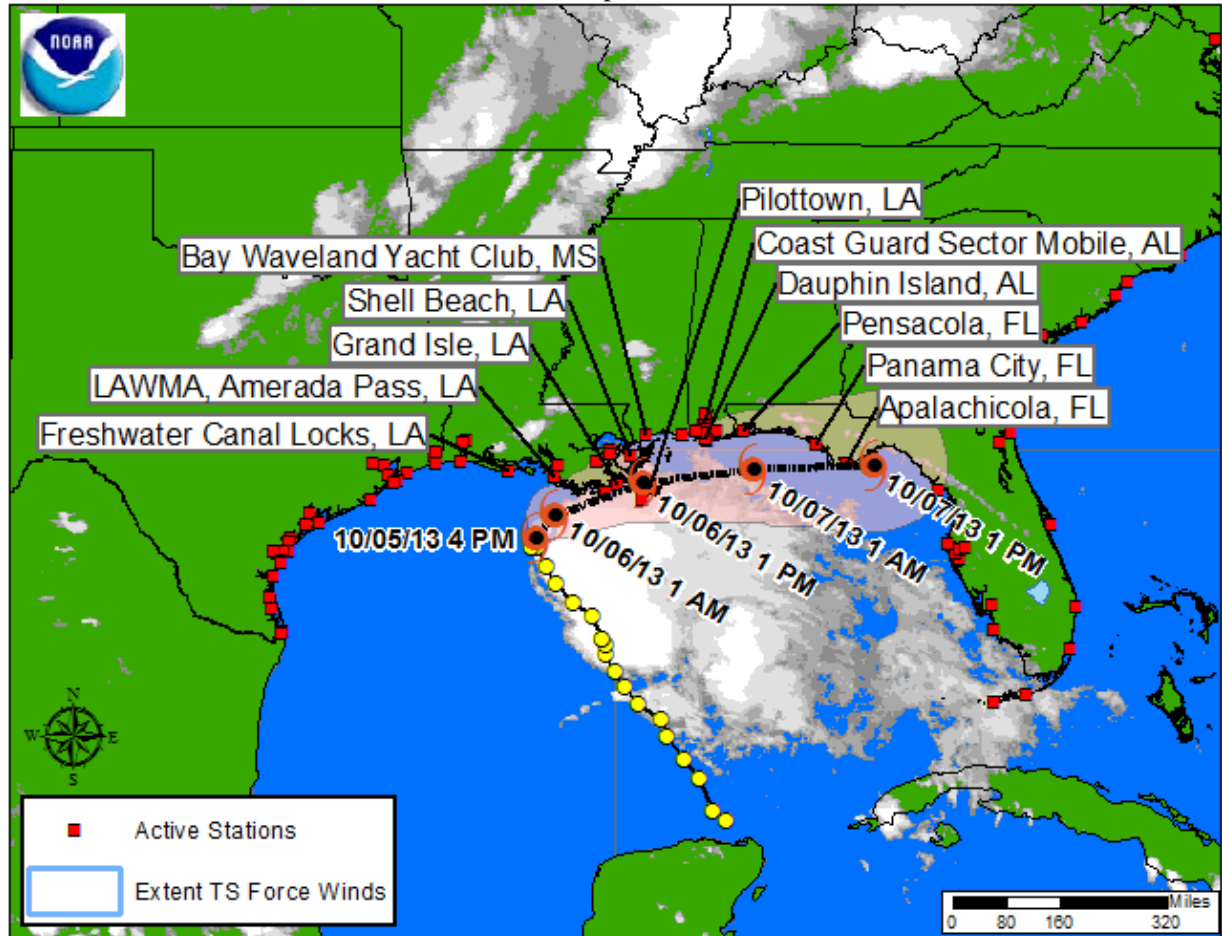




Tropical Storm KAREN QuickLook
Posted: 17:00 CDT 10/05/2013

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 10/05/2013 17:00 CDT, water levels across the northern Gulf of Mexico from south central Louisiana to the Florida panhandle remain elevated and range between 0.5 and 1.5 feet above tidal predictions. Winds are slowly increasing from Grand Isle, LA to Dauphin Island, LA and are measuring between 10 and 15 knots with some gusts between 20 and 25 knots. Barometric pressure is falling slightly across southeast Louisiana.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur. Water level predictions relative to Mean Lower Low Water (MLLW) are:

Freshwater Canal Locks, LA: Next predicted high tides are 1.7 ft (0.50 m) at 10/06/2013 02:52 CDT and 2.1 ft (0.64 m) at 10/06/2013 16:19 CDT.

Tropical Storm KAREN QuickLook, POSTED 17:00 CDT 10/05/2013

LAWMA, Amerada Pass, LA: Next predicted high tides are 1.4 ft (0.44 m) at 10/05/2013 17:32 CDT and 1.1 ft (0.35 m) at 10/06/2013 04:07 CDT.

Grand Isle, LA: Next predicted high tides are 1.3 ft (0.40 m) at 10/05/2013 22:38 CDT and 1.4 ft (0.44 m) at 10/06/2013 23:11 CDT.

Pilottown, LA: Next predicted high tides are 0.9 ft (0.26 m) at 10/05/2013 23:00 CDT and 1.0 ft (0.30 m) at 10/06/2013 23:25 CDT.

Shell Beach, LA: Next predicted high tides are 0.9 ft (0.27 m) at 10/05/2013 19:56 CDT and 1.2 ft (0.36 m) at 10/06/2013 04:01 CDT.

Bay Waveland Yacht Club, MS: Next predicted high tides are 1.8 ft (0.56 m) at 10/06/2013 00:42 CDT and 2.0 ft (0.63 m) at 10/07/2013 01:06 CDT.

Coast Guard Sector Mobile, AL: Next predicted high tides are 1.3 ft (0.40 m) at 10/06/2013 00:04 CDT and 1.5 ft (0.45 m) at 10/07/2013 00:43 CDT.

Dauphin Island, AL: Next predicted high tides are 1.5 ft (0.44 m) at 10/05/2013 22:59 CDT and 1.6 ft (0.49 m) at 10/06/2013 23:34 CDT.

Pensacola, FL: Next predicted high tides are 1.5 ft (0.46 m) at 10/05/2013 23:31 CDT and 1.7 ft (0.51 m) at 10/07/2013 00:02 CDT.

Panama City, FL: Next predicted high tides are 1.5 ft (0.46 m) at 10/05/2013 22:33 CDT and 1.6 ft (0.51 m) at 10/06/2013 23:05 CDT.

Apalachicola, FL: Next predicted high tides are 1.8 ft (0.56 m) at 10/06/2013 04:20 EDT and 1.7 ft (0.53 m) at 10/06/2013 18:27 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: PFF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM KAREN ADVISORY NUMBER 11
NWS NATIONAL HURRICANE CENTER MIAMI FL
400 PM CDT SAT OCT 05 2013

...KAREN STILL A TROPICAL STORM...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY...

THE TROPICAL STORM WARNING HAS BEEN DISCONTINUED WEST OF GRAND ISLE LOUISIANA.

ALL TROPICAL STORM WATCHES HAVE BEEN DISCONTINUED.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

* GRAND ISLE LOUISIANA TO THE MOUTH OF THE PEARL RIVER

A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA...IN THIS CASE IN THE NEXT 12 TO 24 HOURS.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES... INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK

AT 400 PM CDT THE CENTER OF TROPICAL STORM KAREN WAS LOCATED ABOUT 115 MI SSW OF MORGAN CITY LOUISIANA AND ABOUT 170 MI WSW OF THE MOUTH OF THE MISSISSIPPI RIVER. KAREN IS MOVING TOWARD THE NORTH NEAR 2 MPH. A TURN TOWARD THE NORTHEAST IS EXPECTED TONIGHT FOLLOWED BY A TURN TOWARD THE EAST-NORTHEAST AND AN INCREASE IN FORWARD SPEED ON SUNDAY. A TURN TOWARD THE EAST IS FORECAST MONDAY. ON THE FORECAST TRACK...THE CENTER OF KAREN WILL MOVE NEAR OR OVER PORTIONS OF SOUTHEASTERN LOUISIANA TONIGHT AND SUNDAY...AND MOVE JUST SOUTH OF THE GULF COAST FROM ALABAMA TO THE FLORIDA PANHANDLE SUNDAY NIGHT AND MONDAY.

DATA FROM AN AIR FORCE RESERVE HURRICANE HUNTER AIRCRAFT INDICATE THAT MAXIMUM SUSTAINED WINDS REMAIN NEAR 40 MPH WITH HIGHER GUSTS. KAREN IS EXPECTED TO WEAKEN TO A TROPICAL DEPRESSION ON SUNDAY...AND BECOME A REMNANT LOW BY MONDAY.

TROPICAL-STORM-FORCE WINDS EXTEND OUTWARD UP TO 35 MILES MAINLY TO THE EAST AND SOUTHEAST OF THE CENTER.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 1007 MB...29.74 INCHES.

HAZARDS AFFECTING LAND

WIND...TROPICAL STORM CONDITIONS ARE EXPECTED IN PORTIONS OF THE WARNING AREA TONIGHT AND SUNDAY...MAINLY IN RAINBANDS.

STORM SURGE...THE COMBINATION OF STORM SURGE AND THE TIDE WILL CAUSE NORMALLY DRY AREAS NEAR THE COAST TO BE FLOODED BY RISING WATERS. THE WATER COULD REACH THE FOLLOWING HEIGHTS ABOVE GROUND IF THE PEAK SURGE OCCURS AT THE TIME OF HIGH TIDE...

SOUTHEAST LOUISIANA AND THE MISSISSIPPI COAST...1 TO 3 FT

Tropical Storm KAREN QuickLook, POSTED 17:00 CDT 10/05/2013

THE HIGHEST WATER WILL OCCUR ALONG THE IMMEDIATE COAST...WHERE THE SURGE WILL BE ACCOMPANIED BY DANGEROUS WAVES. SURGE-RELATED FLOODING DEPENDS ON THE RELATIVE TIMING OF THE SURGE AND THE TIDAL CYCLE...AND CAN VARY GREATLY OVER SHORT DISTANCES. FOR INFORMATION SPECIFIC TO YOUR AREA...PLEASE SEE PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE OFFICE.

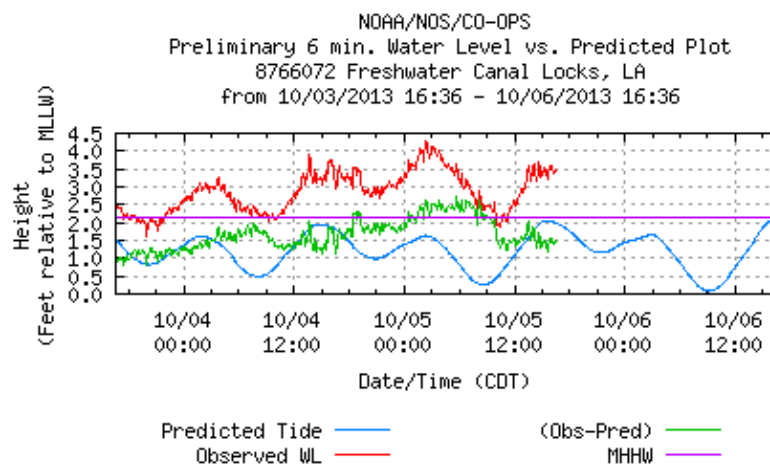
RAINFALL...KAREN IS EXPECTED TO PRODUCE RAINFALL ACCUMULATIONS OF 1 TO 3 INCHES OVER PORTIONS OF THE CENTRAL GULF COAST AND SOUTHEAST UNITED STATES THROUGH MONDAY EVENING...MAINLY NEAR AND TO THE RIGHT OF THE PATH OF THE CENTER. ISOLATED STORM TOTAL AMOUNTS OF 6 INCHES ARE POSSIBLE.

FORECASTER BRENNAN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

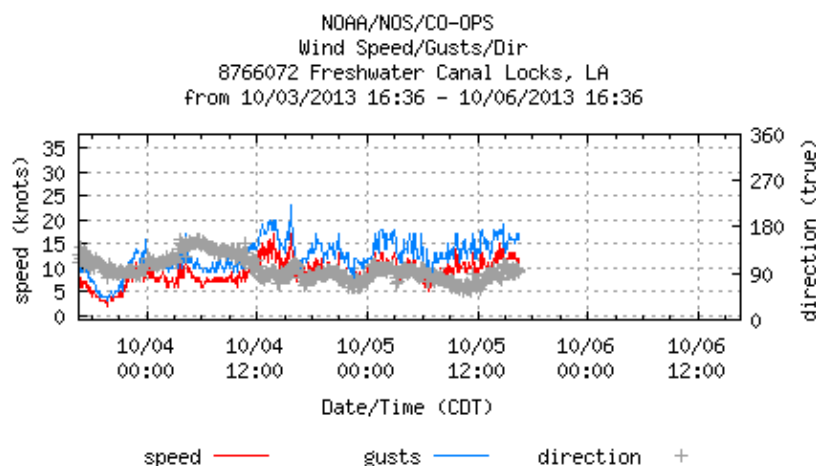
Jump to: [Freshwater Canal Locks - Water Level](#), [Freshwater Canal Locks - Winds](#), [LAWMA, Amerada Pass - Water Level](#), [LAWMA, Amerada Pass - Winds](#), [Grand Isle - Water Level](#), [Grand Isle - Winds](#), [Grand Isle - Barometric](#), [Pilottown - Water Level](#), [Pilottown - Winds](#), [Pilottown - Barometric](#), [Shell Beach - Water Level](#), [Shell Beach - Winds](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Bay Waveland Yacht Club - Barometric](#), [Coast Guard Sector Mobile - Water Level](#), [Coast Guard Sector Mobile - Winds](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Dauphin Island - Barometric](#), [Pensacola - Water Level](#), [Pensacola - Winds](#), [Panama City - Water Level](#), [Panama City - Winds](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#)

Freshwater Canal Locks, LA - Return to List



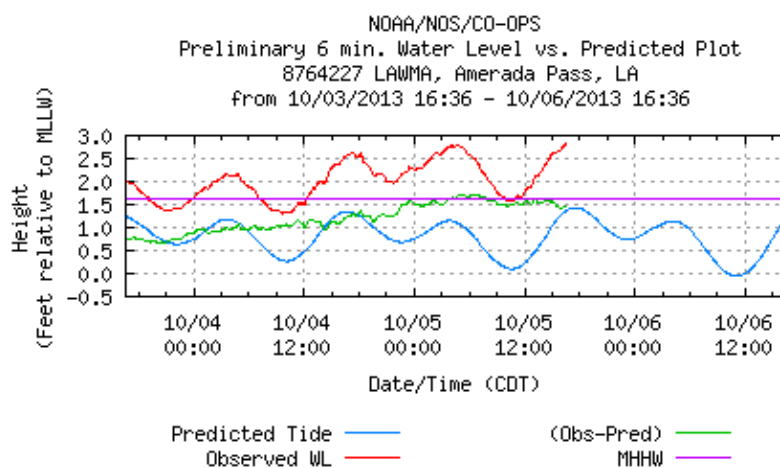
Last Observed Sample: 10/05/2013 16:30 (CDT)
Relative to MLLW: **Observed: 3.44 ft.** **Predicted: 1.98 ft.** **Residual: 1.46 ft.**
Historical Maximum Water Level: Sep 12 2008, 10.13 ft. above MLLW

Freshwater Canal Locks, LA - Return to List



Last Observed Sample: 10/05/2013 16:30 (CDT)
Wind Speed: 12 knots **Gusts: 16 knots** Direction: 91° T

LAWMA, Amerada Pass, LA - Return to List

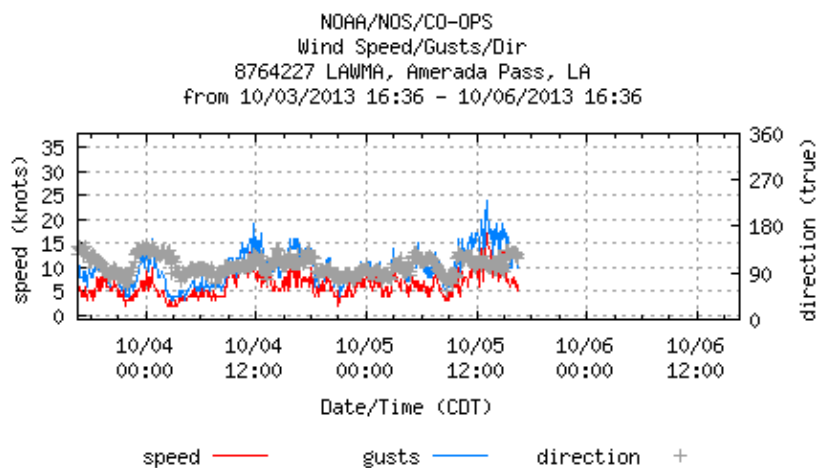


Last Observed Sample: 10/05/2013 16:30 (CDT)

Relative to MLLW: **Observed: 2.83 ft.** **Predicted: 1.37 ft.** **Residual: 1.46 ft.**

Historical Maximum Water Level: Sep 12 2008, 7.50 ft. above MLLW

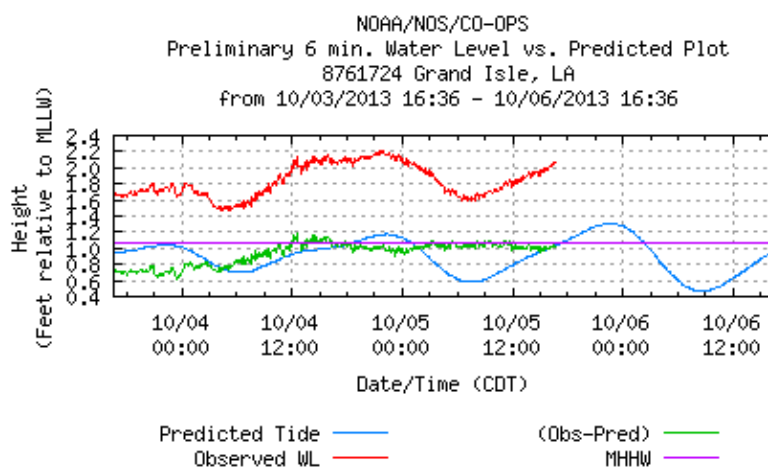
LAWMA, Amerada Pass, LA - Return to List



Last Observed Sample: 10/05/2013 16:30 (CDT)

Wind Speed: 5 knots **Gusts: 10 knots** **Direction: 127° T**

Grand Isle, LA - Return to List

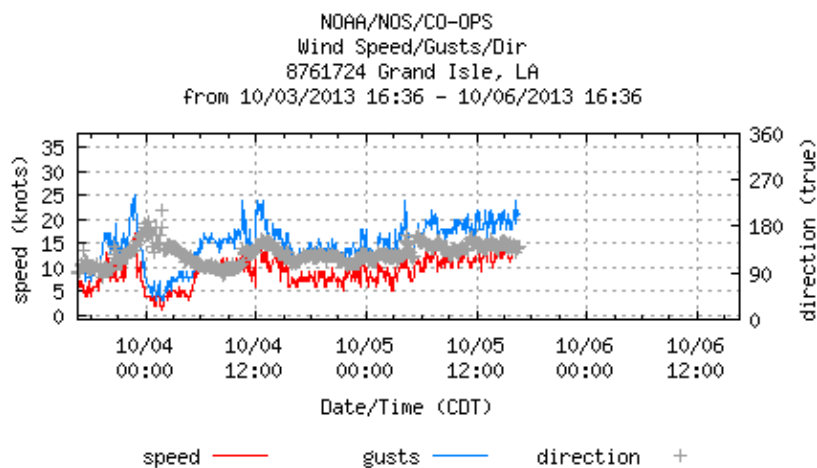


Last Observed Sample: 10/05/2013 16:42 (CDT)

Relative to MLLW: **Observed: 2.08 ft.** **Predicted: 1.04 ft.** **Residual: 1.04 ft.**

Historical Maximum Water Level: Aug 29 2005, 5.59 ft. above MLLW

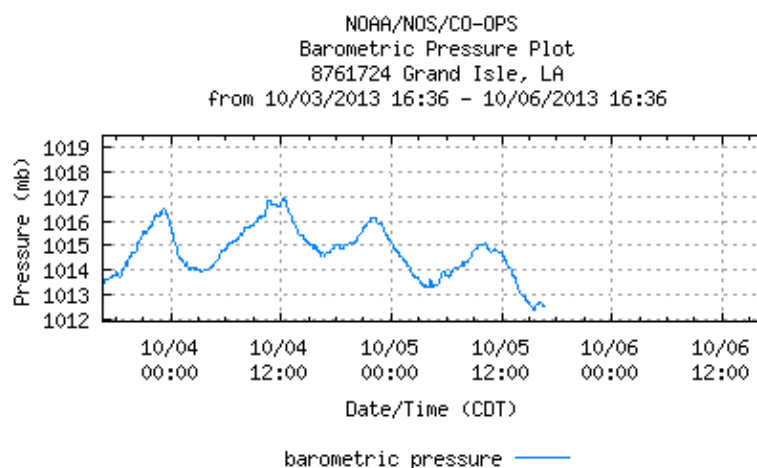
Grand Isle, LA - Return to List



Last Observed Sample: 10/05/2013 16:42 (CDT)

Wind Speed: 15 knots **Gusts: 19 knots** **Direction: 140° T**

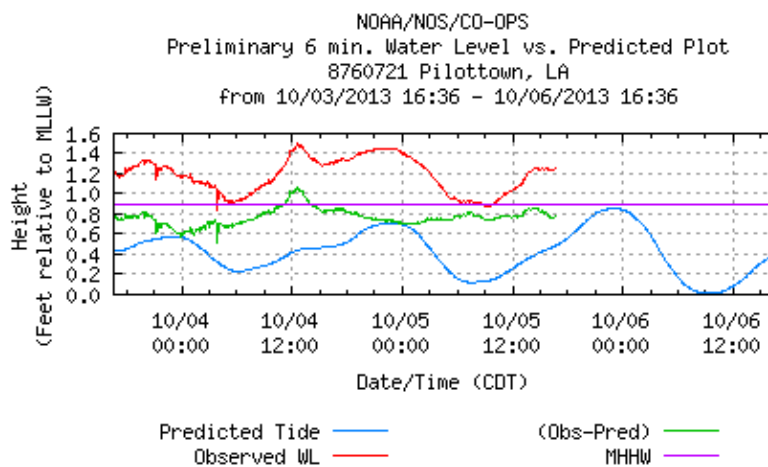
Grand Isle, LA - Return to List



Last Observed Sample: 10/05/2013 16:42 (CDT)

Barometric Pressure: 1012.5 mb

Pilottown, LA - Return to List

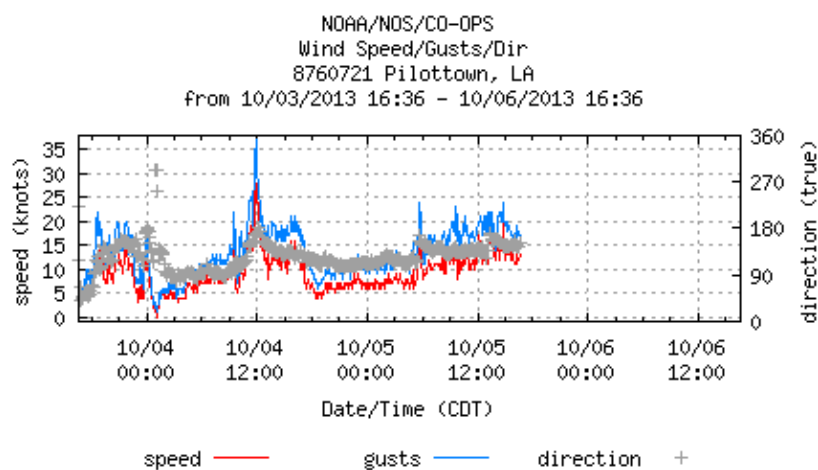


Last Observed Sample: 10/05/2013 16:42 (CDT)

Relative to MLLW: Observed: 1.26 ft. Predicted: 0.49 ft. Residual: 0.77 ft.

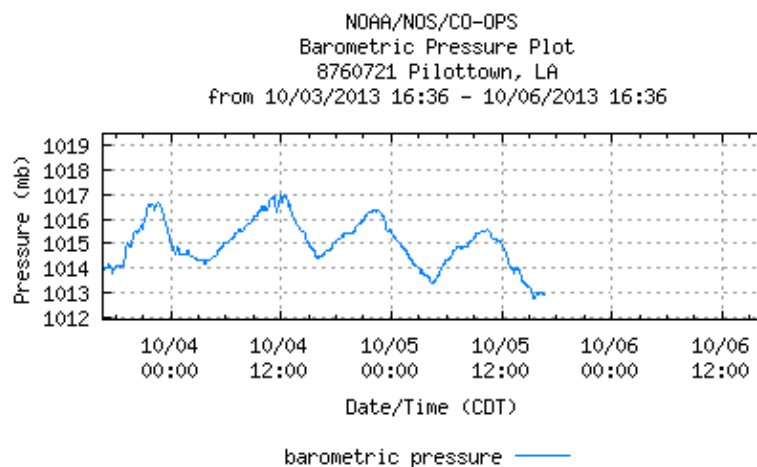
Historical Maximum Water Level: n/a

Pilottown, LA - Return to List



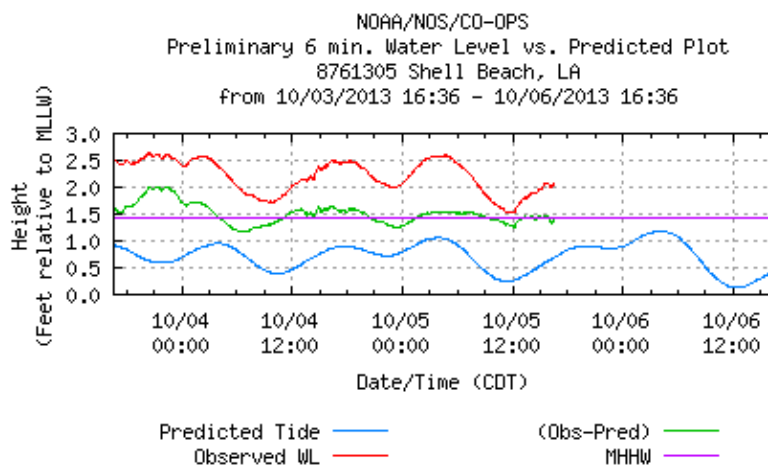
Last Observed Sample: 10/05/2013 16:42 (CDT)
Wind Speed: 11 knots Gusts: 18 knots Direction: 146° T

Pilottown, LA - Return to List



Last Observed Sample: 10/05/2013 16:42 (CDT)
Barometric Pressure: 1012.9 mb

Shell Beach, LA - Return to List

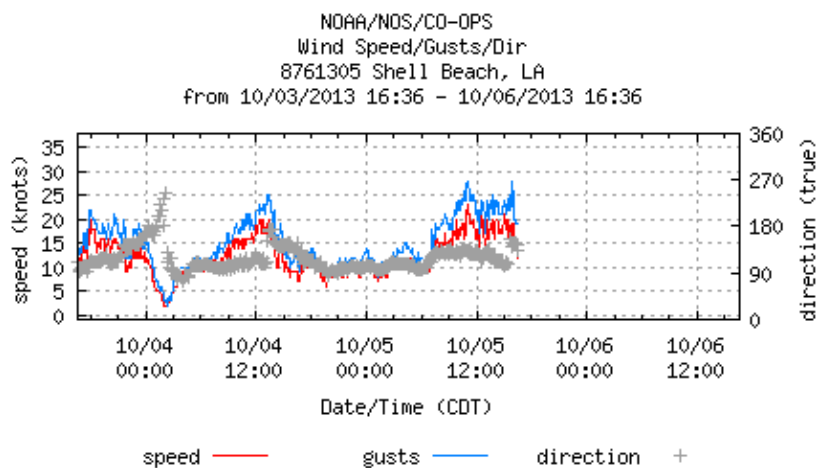


Last Observed Sample: 10/05/2013 16:42 (CDT)

Relative to MLLW: **Observed: 2.09 ft.** **Predicted: 0.71 ft.** **Residual: 1.38 ft.**

Historical Maximum Water Level: Aug 29 2012, 10.88 ft. above MLLW

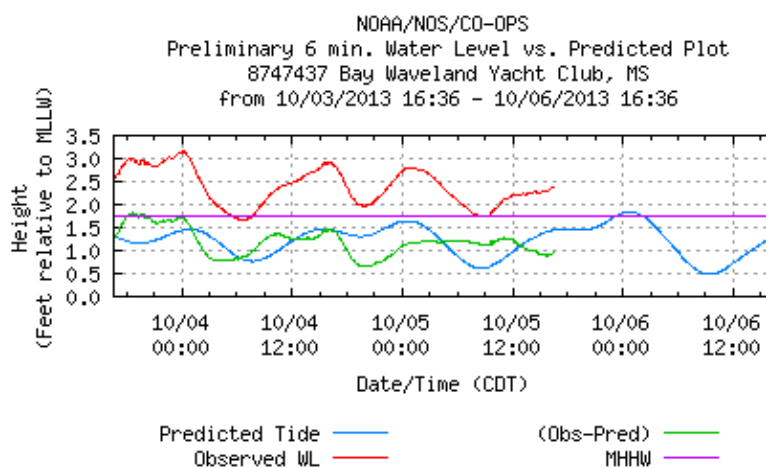
Shell Beach, LA - Return to List



Last Observed Sample: 10/05/2013 16:42 (CDT)

Wind Speed: 13 knots **Gusts: 17 knots** **Direction: 125° T**

Bay Waveland Yacht Club, MS - Return to List

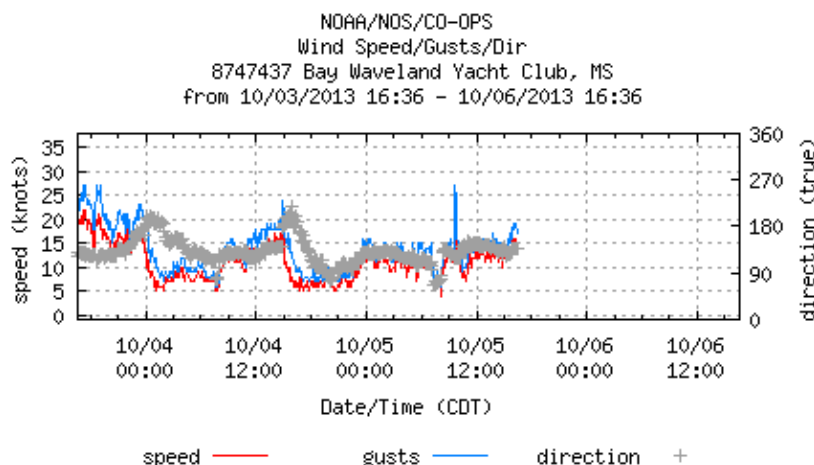


Last Observed Sample: 10/05/2013 16:36 (CDT)

Relative to MLLW: **Observed: 2.39 ft.** **Predicted: 1.45 ft.** **Residual: 0.94 ft.**

Historical Maximum Water Level: Sep 1 2008, 10.89 ft. above MLLW

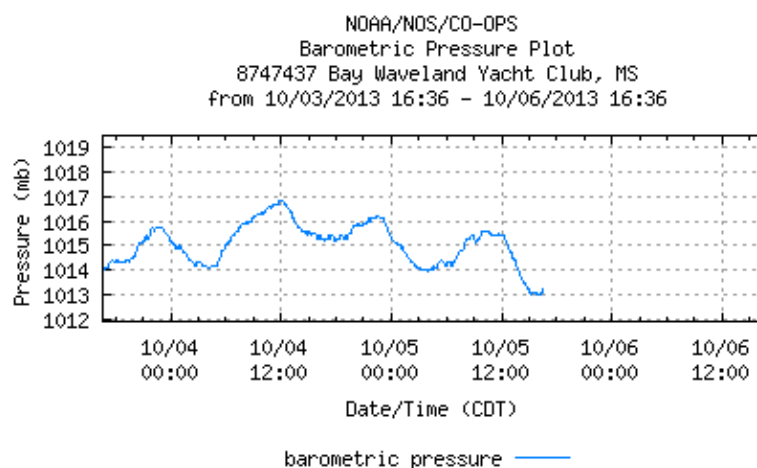
Bay Waveland Yacht Club, MS - Return to List



Last Observed Sample: 10/05/2013 16:36 (CDT)

Wind Speed: 16 knots **Gusts: 18 knots** **Direction: 134° T**

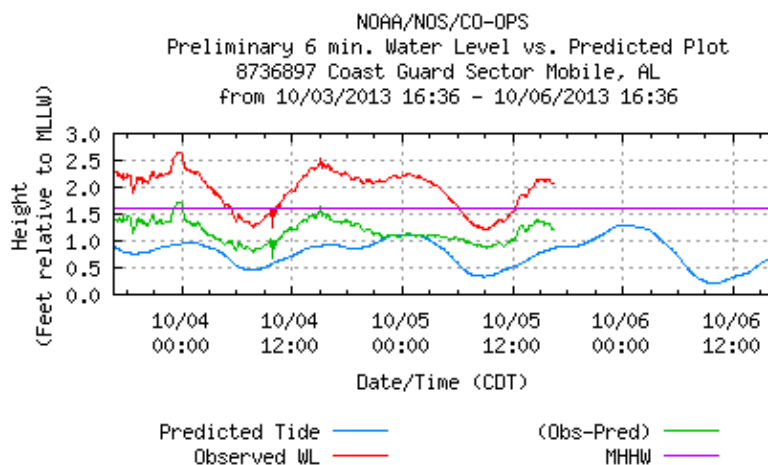
Bay Waveland Yacht Club, MS - Return to List



Last Observed Sample: 10/05/2013 16:36 (CDT)

Barometric Pressure: 1013.1 mb

Coast Guard Sector Mobile, AL - Return to List

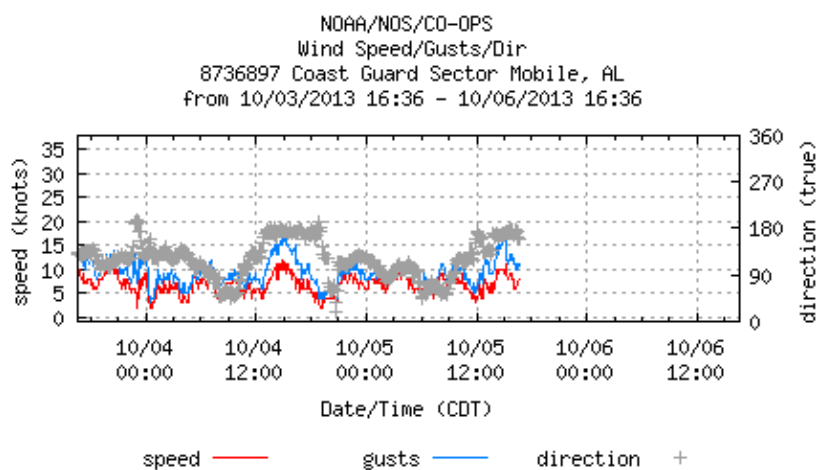


Last Observed Sample: 10/05/2013 16:42 (CDT)

Relative to MLLW: **Observed: 2.10 ft.** **Predicted: 0.88 ft.** **Residual: 1.22 ft.**

Historical Maximum Water Level: Sep 1 2008, 5.41 ft. above MLLW

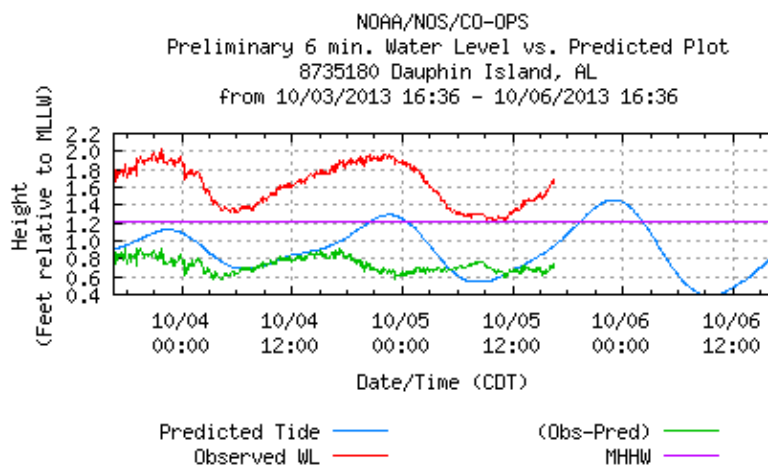
Coast Guard Sector Mobile, AL - Return to List



Last Observed Sample: 10/05/2013 16:42 (CDT)

Wind Speed: 7 knots Gusts: 11 knots Direction: 174° T

Dauphin Island, AL - Return to List

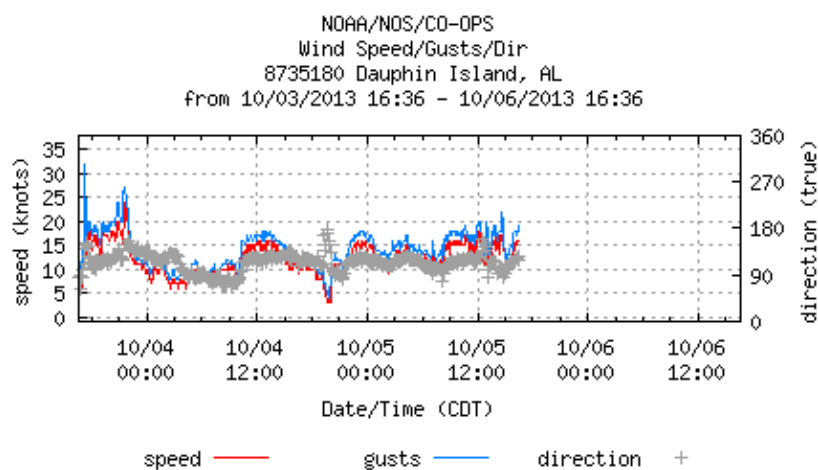


Last Observed Sample: 10/05/2013 16:36 (CDT)

Relative to MLLW: Observed: 1.70 ft. Predicted: 0.95 ft. Residual: 0.75 ft.

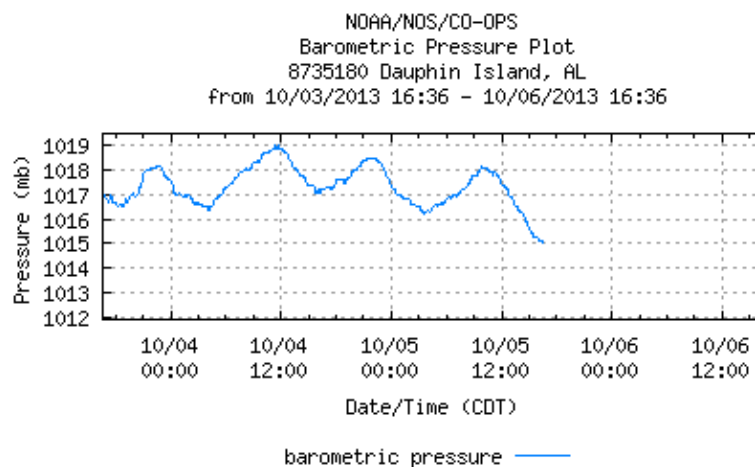
Historical Maximum Water Level: Sep 16 2004, 7.14 ft. above MLLW

Dauphin Island, AL - Return to List



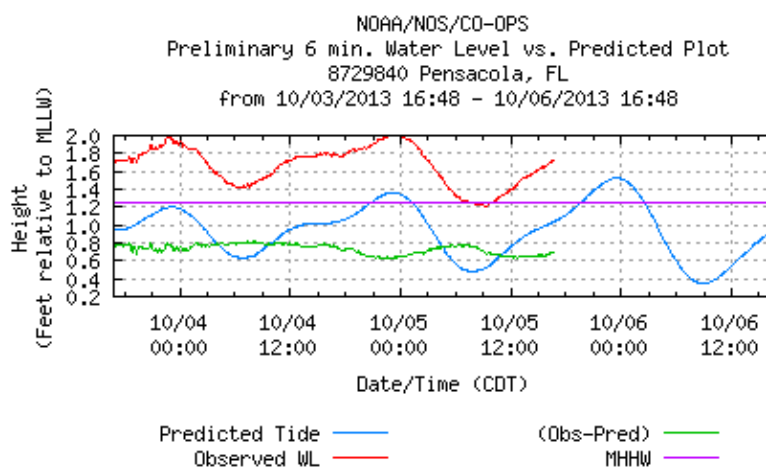
Last Observed Sample: 10/05/2013 16:36 (CDT)
Wind Speed: 17 knots Gusts: 17 knots Direction: 125° T

Dauphin Island, AL - Return to List



Last Observed Sample: 10/05/2013 16:36 (CDT)
Barometric Pressure: 1015.0 mb

Pensacola, FL - Return to List

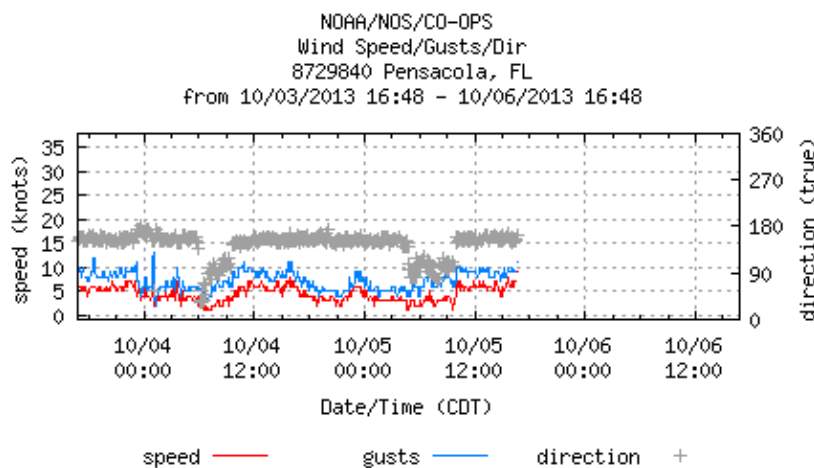


Last Observed Sample: 10/05/2013 16:42 (CDT)

Relative to MLLW: **Observed: 1.73 ft.** **Predicted: 1.04 ft.** **Residual: 0.69 ft.**

Historical Maximum Water Level: Sep 18 1926, 8.67 ft. above MLLW

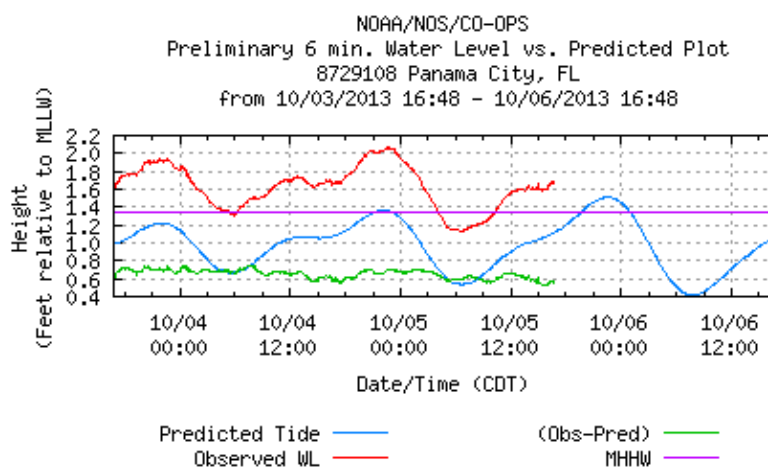
Pensacola, FL - Return to List



Last Observed Sample: 10/05/2013 16:42 (CDT)

Wind Speed: 9 knots **Gusts: 11 knots** **Direction: 163° T**

Panama City, FL - Return to List

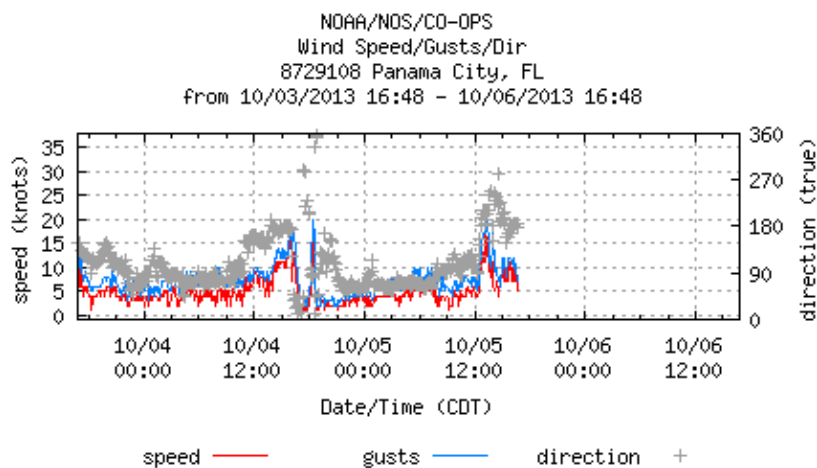


Last Observed Sample: 10/05/2013 16:42 (CDT)

Relative to MLLW: **Observed: 1.68 ft.** **Predicted: 1.11 ft.** **Residual: 0.57 ft.**

Historical Maximum Water Level: Oct 4 1995, 7.06 ft. above MLLW

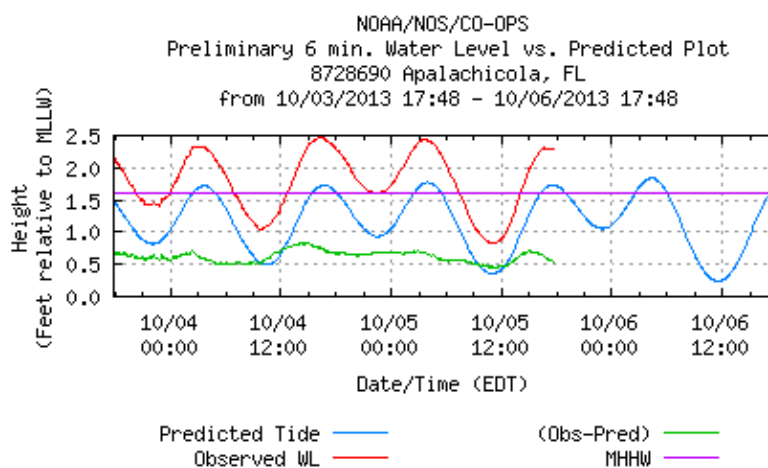
Panama City, FL - Return to List



Last Observed Sample: 10/05/2013 16:42 (CDT)

Wind Speed: 5 knots **Gusts: 7 knots** **Direction: 185° T**

Apalachicola, FL - Return to List

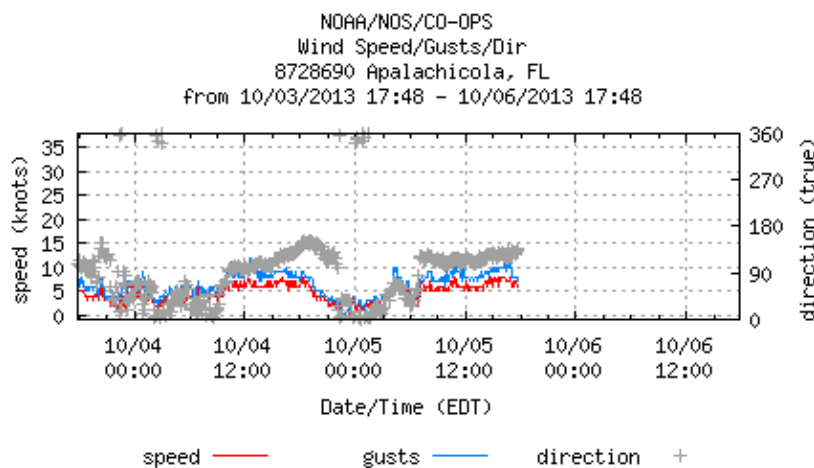


Last Observed Sample: 10/05/2013 17:42 (EDT)

Relative to MLLW: **Observed: 2.28 ft.** **Predicted: 1.73 ft.** **Residual: 0.55 ft.**

Historical Maximum Water Level: Jul 10 2005, 8.04 ft. above MLLW

Apalachicola, FL - Return to List



Last Observed Sample: 10/05/2013 17:42 (EDT)

Wind Speed: 6 knots **Gusts: 8 knots** **Direction: 137° T**